



MISSOURI DEPARTMENT OF
HEALTH

Bob Holden
Governor
Maureen E. Dempsey, M.D.
Director

P.O. Box 570, Jefferson City, MO 65102-0570 • 573-751-6400 • FAX 573-751-6010

TO: Local health agencies, Missouri Department of Health District Offices, Hospital Infection Control Practitioners and Infectious Disease Specialists, Veterinarians, Missouri Influenza Sentinel Physicians, and Other State Infectious Disease Directors

FROM: Howard Pue, DVM, MS, Section Chief
Communicable Disease Control and Veterinary Public Health

SUBJECT: Monthly Communicable Disease Update (**Provisional**) April 2001
(through week 17 ending April 28, 2001)

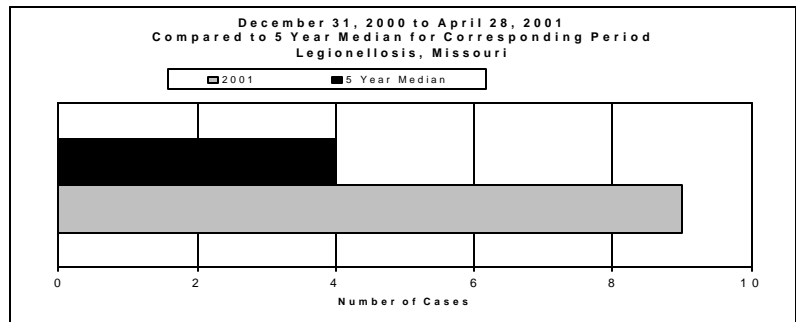
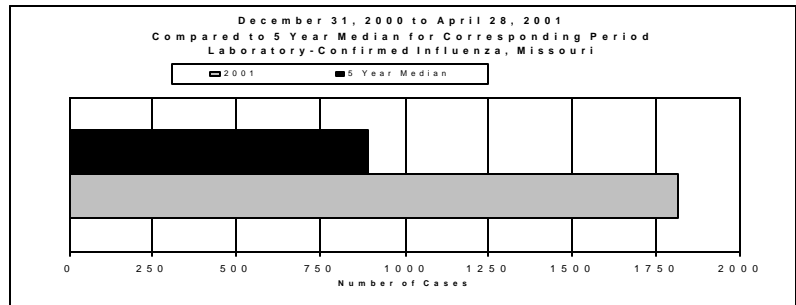
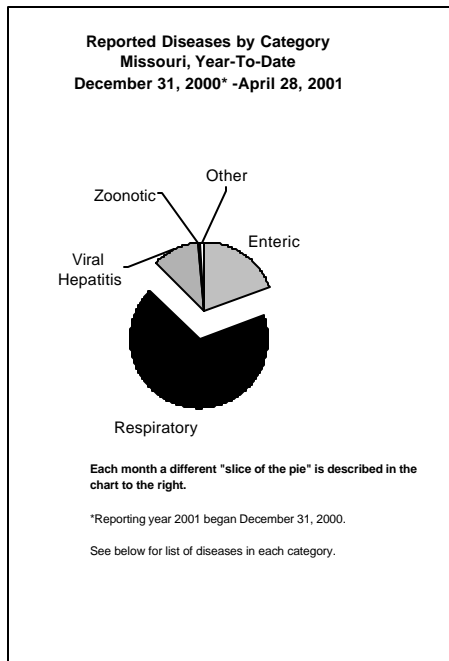
DATE: May 18, 2001

The Section of Communicable Disease Control and Veterinary Public Health will be publishing a monthly update on selected reported communicable diseases. The Section is responsible for reportable communicable diseases without federal funding. This information may also be found on the Missouri Department of Health (MDOH) Homepage at www.health.state.mo.us under Diseases & Conditions.

Educational literature may also be found at this web site in the Publications Section.

The After Hours Emergency Number for the Missouri Department of Health is (573) 751-4674. Diseases can be reported to the local health authority or the Missouri Department of Health at (800) 392-0272.

Monthly Communicable Disease Update, April, 2001 (Provisional Data)



Reported Cases of Selected Diseases by Category

	2001 Apr	2001 YTD	2000 YTD	5 Year Median YTD	% Change 5 Year Median	Number of Cases - April 2001 by Health District						
						CD	ED	NE	NW	SE	SW	Unk
Enteric Diseases												
Campylobacteriosis	28	111	119	119	- 6.72%	6	8	2	3	2	7	
Cryptosporidiosis	1	5	6	5	0.00%	0	1	0	0	0	0	
E. coli O157:H7 #	3	7	25	6	+ 16.67%	0	1	0	2	0	0	
Giardiasis	43	192	216	195	- 1.54%	2	24	4	8	0	5	
Listeria monocytogenes	0	1	2	3	- 66.67%	0	0	0	0	0	0	
Salmonellosis	32	120	145	145	- 17.24%	1	13	3	10	5	0	
Shigellosis	18	79	179	150	- 47.33%	0	12	0	6	0	0	
Yersinia enterocolitica	2	8	5	6	+ 33.33%	0	2	0	0	0	0	
Respiratory												
Influenza (Lab Confirmed)	29	1817	2418	892	+ 103.70%	2	12	1	5	8	1	
Legionellosis	4	9	4	4	+ 125.00%	0	2	0	0	0	2	
Viral Hepatitis												
Hepatitis A	7	43	161	242	- 82.23%	1	2	1	1	1	1	
Hepatitis B	6	35	41	81	- 56.79%	2	3	0	0	0	0	1
Hepatitis C (Acute)*	2	12	5	na	na	0	2	0	0	0	0	
Hepatitis C (Non-Acute)*	71	211	157	na	na	8	34	2	16	3	8	
Zoonotic												
Ehrlichiosis	0	2	2	0	-	0	0	0	0	0	0	
Lyme Disease	0	3	7	7	- 57.14%	0	0	0	0	0	0	
Rocky Mtn Spotted Fever	0	5	1	1	+ 400.00%	0	0	0	0	0	0	
Tularemia	0	0	1	0	~	0	0	0	0	0	0	
Other												
HIB Disease	3	9	7	3	+ 200.00%	1	0	0	2	0	0	
Malaria	0	2	2	2	0.00%	0	0	0	0	0	0	
Meningococcal Disease	4	22	28	42	- 47.62%	0	2	0	1	0	0	1
*Hep C became reportable in 1997; it was previously included in Hepatitis Non A, Non B. Reportable diseases of very low incidence (<10 cases in previous year) are not included. ~not divisible by zero												

1997 Population Estimates by Missouri Health District

Central (CD)	Eastern (ED)	Northeast (NE)	Northwest (NW)	Southeast (SE)	Southwest (SW)
679,600	1,893,900	249,200	1,276,300	545,400	757,600

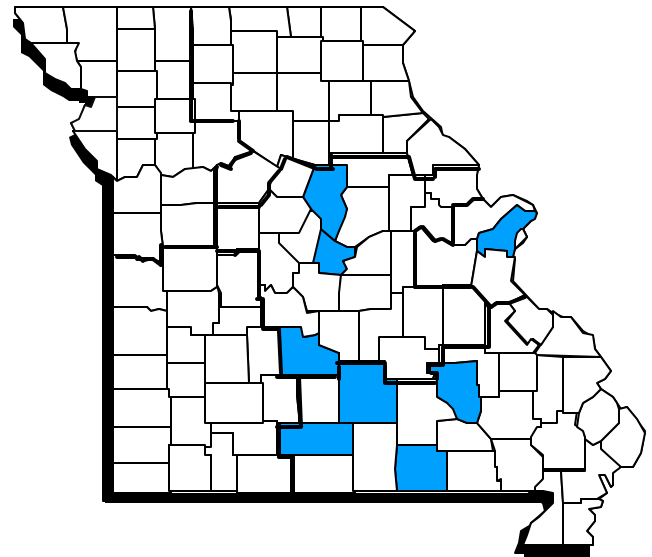
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Monthly Communicable Disease Update, April, 2001 (Provisional Data)

Confirmed Rabies in Animals

Species	April		YTD	
	# Exams	# Positive	# Exams	# Positive
Dog	56	0	193	1
Cat	47	0	173	0
Bat	50	2	164	3
Skunk	9	1	20	3
Fox	1	0	5	0
Cow	7	0	18	0
Horse	0	0	3	1
Ferret	1	0	5	0
Raccoon	21	0	59	0
Rodent/Rabbit	14	0	29	0
Other Domestic	0	0	1	0
Other Wild	4	0	16	0
Exotic	0	0	1	0
Total	210	3	687	8

Confirmed Animal Rabies in Missouri
By Health District
December 31, 2000 - April 28, 2001



Counties Under Rabies Alert: Reynolds

Active Surveillance System

Local health agencies have established surveillance sites that report clinical symptoms. This system is intended to rapidly assess changes in the community's health. The current reporting format was implemented in July, 1998.

Signs and Symptoms of Diseases or Conditions	2001	2000	April 2001 by Health District					
	Apr	Apr	CD	ED	NE	NW	SE	SW
Animal Bites	258	194	62	5	21	83	40	47
Eye Redness w/drainage	1,840	2,414	561	125	147	316	413	278
Gastro Intestinal illnesses								
Diarrhea and/or vomiting	7,052	7,709	1,595	436	570	1,893	1,517	1,041
Other	865	342	0	230	102	183	224	126
Respiratory Illness								
Flu-like illness	5,349	5,267	1,230	295	447	1,682	959	736
Pneumonia	1,075	818	244	104	103	208	319	97
Other-URI	4,701	1,892	347	231	396	1,383	1,671	673
Strep	1,956	2,103	447	223	178	663	266	179
Mono	96	60	15	4	9	43	12	13
Rash Illnesses								
Chickenpox (varicella)	835	871	280	74	108	121	140	112
Shingles - (varicella zoster)	65	40	10	1	4	23	24	3
Fifth Disease	372	61	118	93	19	90	35	17
Hand, Foot & Mouth Disease	22	23	0	1	0	5	7	9
Other	503	354	194	47	29	74	85	74
Hepatitis								
Hepatitis A	4	20	0	0	0	3	0	1
Hepatitis B	11	11	0	0	0	7	1	3
Hepatitis C	85	55	12	0	2	35	12	24
Infestations								
Pediculosis	1,838	2,179	429	33	134	381	450	411
Scabies	43	69	6	0	9	6	18	4
Other	46	54	0	3	1	24	13	5
Central nervous system illnesses								
Encephalitis	0	0	0	0	0	0	0	0
Meningitis	9	12	0	0	0	5	0	4
Hypothermia	0	0	0	0	0	0	0	0
Hyperthermia	8	1	0	0	0	8	0	0
Other	32	5	0	0	0	9	19	4